

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION 1109

IPIR NUMBER 16

OAK SUPPLEMENT PART XII

5-23 MARCH 1970

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APRIL 1970

COPY NO. 207

..88...PAGES

OAK-061/70

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

25X1

**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (O)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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25X1

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IPIR 16
KH-4 MISSION 1109

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- IPIR 16

PREFACE

KH-4 MISSION 1109

PREFACE

THIS IS THE TWELFTH OAK SUPPLEMENT REPORT ON MISSION 1109. FOR
COMPLETE PREFACE SEE THE FIRST OAK SUPPLEMENT REPORT.

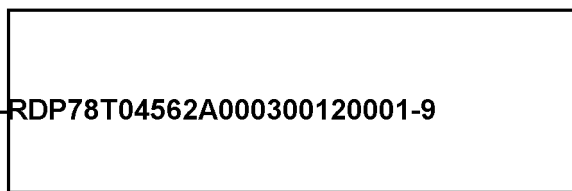
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KH-4 MISSION 1109 IPIR 16

HIGHLIGHTS

MISSION HIGHLIGHTS

1. USSR-CHINA BORDER

AIR ACTIVITY

EIGHTEEN HEAVY AND 43 MEDIUM HELICOPTERS ARE OBSERVED AT CHERNIGOVKA AIRFIELD IN THE SOVIET FAR EAST, APPROXIMATELY 50 NAUTICAL MILES (NM) FROM THE CHINA BORDER. THIS IS AN INCREASE OF 13 MEDIUM HELICOPTERS AT THIS AIRFIELD SINCE IT WAS LAST OBSERVED IN [REDACTED] CONSTRUCTION IS CONTINUING ON THE 31 PROBABLE HANGARETTES WHICH WERE REPORTED IN [REDACTED]

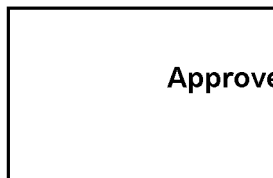


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25X1

25X1



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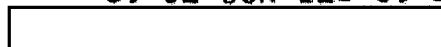
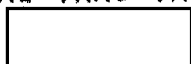
CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

HAI-YANG TAO AIR WARNING RADAR FAC
NAC

39-02-00N 123-09-20E



25X1A

STATUS:UNKNOWN

25X1D



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UNITED ARAB REPUBLIC
AIR DEFENSE MISSILES

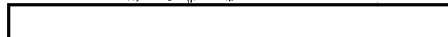
SIGNIFICANT RESULTS

25X1D

AL ISKANDARIYAH SAM SITE A16-2
NAC



31-08-10N 029-56-15E



25X1A

STATUS:OCCUPIED

25X1D



25X1D

AL ISKANDARIYAH SAM SITE B05-2
NAC



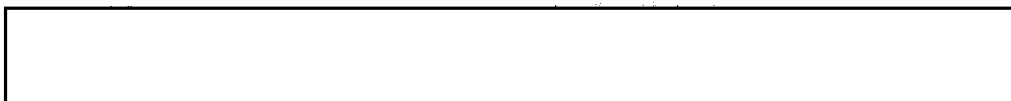
31-18-30N 030-03-10E



25X1A

STATUS:OCCUPIED

25X1D



25X1D

AL ISKANDARIYAH SAM SITE B24-2
NAC



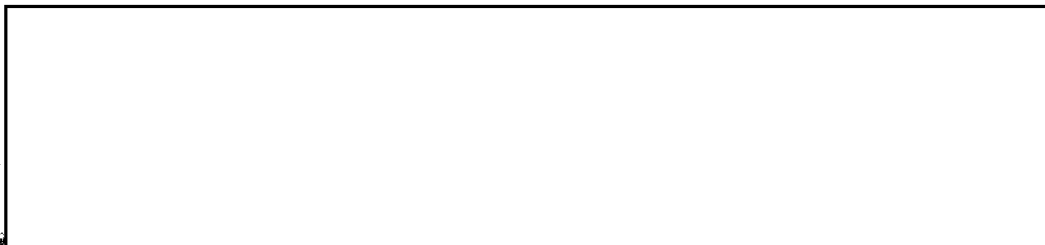
31-05-22N 029-43-36E



25X1A

STATUS:OCCUPIED

25X1D



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UNITED ARAB REPUBLIC
AIR DEFENSE MISSILES

25X1D

[Redacted]

25X1D

AL ISKANDARIYAH SAM SITE C08-2
NAC

31-16-30N 030-23-40E

[Redacted]

25X1A

STATUS:OCCUPIED

25X1D

[Redacted]

25X1D

AL ISKANDARIYAH SAM SUPPORT FACILITY
NAC

31-18-34N 030-03-12E

[Redacted]

25X1A

STATUS:OPERATIONAL

25X1D

[Redacted]

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UNITED ARAB REPUBLIC
AIR DEFENSE MISSILES

AL ISMAILIYAH SAM SITE A28-2

25X1A
30-37-02N 032-04-08E

25X1D

NAC

STATUS:OCCUPIED

25X1D

AL QAHIRAH SAM SITE A15-2

25X1A
29-56-00N 031-21-30E

25X1D

NAC

STATUS:OCCUPIED

25X1D

AL QAHIRAH SAM SITE B01-2 25X1A

30-16-05N 031-16-10E

25X1D

STATUS:OCCUPIED

REMARKS:

UNIDENTIFIED CONSTRUCTION ACTIVITY IS OBSERVED IN THE SITE
AREA. A PLUS-SHAPED SCAR IS ADJACENT TO THE RING ROAD.

25X1D

AL QAHIRAH SAM SITE B04A-2

25X1A
30-21-18N 031-30-10E

25X1D

NAC

STATUS:OCCUPIED

REMARKS:

THE SITE IS PROBABLY OCCUPIED.

25X1D

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25X1

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KOREA, NORTH
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

CHONYANG-NI HQ ASLT GUN BN
NAC

39-03-26N 127-27-12E

25X1D

STATUS: OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

6 PROB TRUCKS
4 VEHICLES IN TUNNEL-SERVED
REVTMENTS

25X1D

CHUUL-TONG ARMY BKS + HQ 50TH INF REGT

38-09-40N 126-53-01E

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

900 METERS (0.5 NM) SOUTH OF KACHON-NI.
THE FACILITY CONSISTS OF TWO BARRACKS, ONE C-SHAPED
ADMINISTRATION BUILDING, FIVE VEHICLE STORAGE BUILDINGS, AND
NINE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1

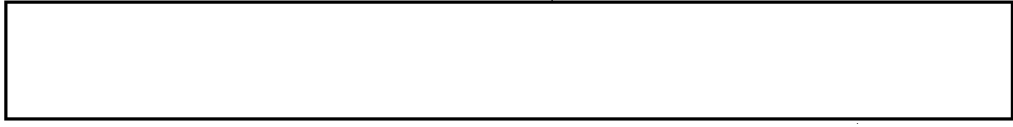
25X1

25X1

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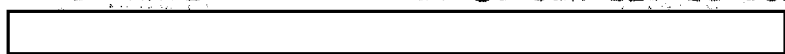
IPIR 16
KH-4 MISSION 1109
25X1D

KOREA, NORTH
GROUND FORCE FACILITIES



25X1D

HONGHYON-NI MIL BARRACKS + STORAGE 37-56-08N 126-16-55E



STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

1.7 NM SOUTH OF HONGHYON-NI.
THE FACILITY CONSISTS OF SIX BARRACKS, 19 QUARTERS, ONE
L-SHAPED MESSHALL, FIVE PROBABLE VEHICLE SHEDS, AND EIGHT
SUPPORT BUILDINGS.

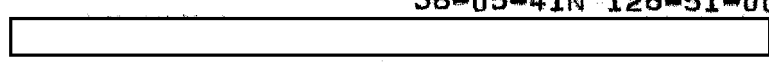
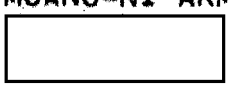
GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



IMGANG-NI ARMY BARRACKS 25X1A 38-05-41N 126-51-00E

25X1D



STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

1,440 METERS (0.8 NM) ENE OF IMGANG-NI.
THE FACILITY CONSISTS OF SEVEN BARRACKS, FIVE QUARTERS, AND
EIGHT SUPPORT BUILDINGS.

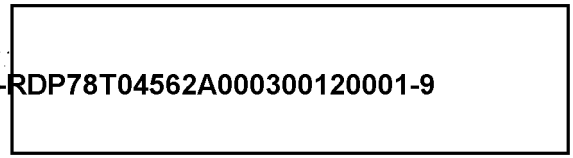
GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



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25X1

25X1

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25X1

KH-4 MISSION 1109 IPIR 16

KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

KAESONG ARMY BKS NE NO 1

25X1A

37-59-49N 126-35-31E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

3.8 NM NNE OF KAESONG.

THE FACILITY CONSISTS OF 22 BARRACKS, THREE ADMINISTRATION BUILDINGS, 11 QUARTERS, SEVEN SUPPORT BUILDINGS, FOUR PROBABLE REVETTED WEAPONS POSITIONS WITH REAR TUNNEL ENTRANCES, AND ONE REVERSE SLOPE TUNNEL ENTRANCE.

GROUND FORCE ORDER OF BATTLE:
8 PROB TRACKED VEHICLES

25X1D

25X1D

KIRIN-NI BKS + STOR AREA

25X1A

38-13-05N 126-00-20E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

3.1 NM SW OF KIRIN-NI.

THE FACILITY CONSISTS OF FOUR BARRACKS, 19 QUARTERS, ONE ADMINISTRATION BUILDING, ONE PROBABLE MESSHALL, AND NINE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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25X1

25X1

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25X1

KH-4 MISSION 1109 IPIR 16

KOREA, NORTH
GROUND FORCE FACILITIES

25X1A

KWANG-GOL HQ 30TH HVY MORT BRIGADE

38-09-22N 126-44-00E

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

2 NM ENE OF KWANG-GOL.

THE FACILITY CONSISTS OF 24 BARRACKS, ONE ADMINISTRATION BUILDING, AND SIX SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

NUCHON-NI MILITARY AREA

25X1A

38-10-15N 126-14-10E

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

5 NM SSE OF NUCHON-NI.

THE FACILITY CONSISTS OF THREE BARRACKS, 24 QUARTERS, AND SIX SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

TOP SECRET

17

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25X1

25X1



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TOP SECRET



25X1

KH-4 MISSION 1109
- IPIR 16

KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

NUNG-DONG MILITARY AREA

25X1A

37-55-25N 126-35-30E

STATUS:OCCUPIED

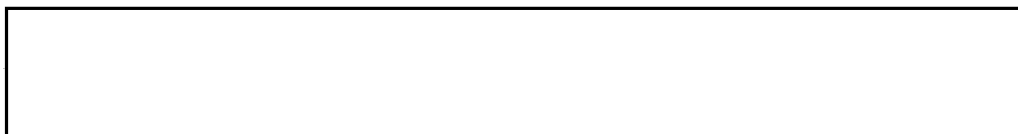
PHYSICAL DESCRIPTION:
3 NM SE OF KAESONG.



25X1

GROUND FORCE ORDER OF BATTLE:
7 VEHICLES

25X1D



25X1D

OGYE-RI HQ BKS + STOR AREA 7 ARTY REGT
NAC

39-06-59N 127-35-28E



25X1A

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

8 PROB FA PIECES
8 POSS FA PIECES

25 PROB TRUCKS
(APPROXIMATELY)

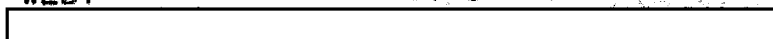
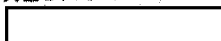
25X1D



25X1D

PAECHON-UP ARMY BARRACKS WEST

37-59-35N 126-17-14E



STATUS:OCCUPIED

25X1A

30X10000

18

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25X1

25X1

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KOREA, NORTH
GROUND FORCE FACILITIES

PHYSICAL DESCRIPTION:

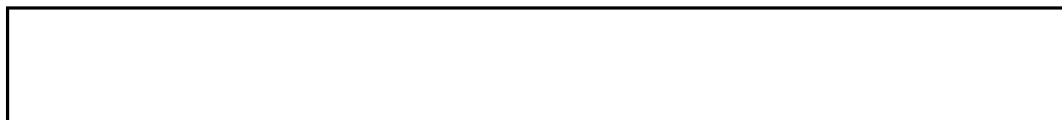
1.4 NM WNW OF PAECHON-UP.

THE FACILITY CONSISTS OF THREE BARRACKS, ONE AUDITORIUM, AND
SEVEN SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D



SANGMA-DONG ARMY BARRACKS

25X1A

38-08-08N 126-51-25E

25X1D

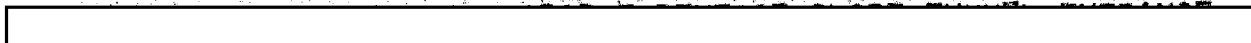


STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

720 METERS (0.4 NM) WSW OF SANGMA-DONG.

THE FACILITY CONSISTS OF TWO BARRACKS, TWO VEHICLE SHEDS, TWO
SUPPORT BUILDINGS, FOUR REVETTED ARTILLERY POSITIONS WITH REAR

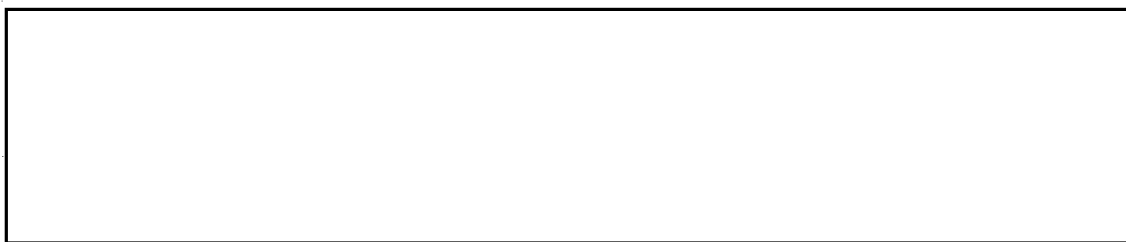


25X1

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

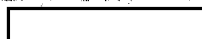
25X1D



SEPI-DONG ARMY GENERAL SUPPLY DEPOT

38-35-10N 126-40-33E

25X1D

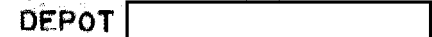


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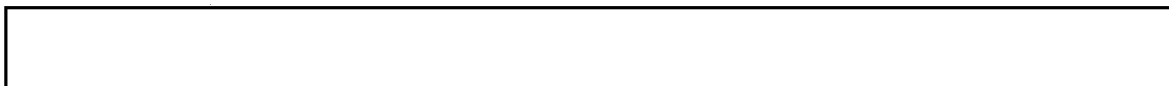
25X1A

REMARKS:

THIS INSTALLATION IS REPORTED AS A PART OF MAYU-DONG STORAGE
DEPOT



25X1D



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TOP SECRET

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25X1

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25X1

[REDACTED] - IPIR 16
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KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

[REDACTED]

TURIBONG MILITARY STORAGE NE

38-25-10N 126-42-40E

25X1D

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

1.7 NM NE OF TURIBONG.

THE FACILITY CONSISTS OF THREE BARRACKS AND THREE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

YONAN ARMY BARRACKS

25X1A

37-52-25N 126-07-10E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

2.5 NM SW OF YONAN.

THE FACILITY CONSISTS OF TEN BARRACKS, 33 QUARTERS, ONE T-SHAPED MESSHALL, 15 SUPPORT BUILDINGS, A SIX-POSITION AAA SITE, SIX PROBABLE MORTAR POSITIONS, AND FOUR REVETTED WEAPONS POSITIONS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

842 37-5442

20

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25X1

25X1

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25X1

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KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

YONAN MILITARY BKS + STOR AREA

25X1A
37-58-40N 126-10-31E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

5.1 NM NORTH OF YONAN.

THE INSTALLATION, COVERING AN EXTENSIVE AREA ON BOTH SIDES OF A RIDGE, CONSISTS OF 47 BARRACKS, 11 QUARTERS, FOUR ADMINISTRATION BUILDINGS (ONE L-SHAPED), ONE AUDITORIUM, ONE T-SHAPED MESSHALL, AND APPROXIMATELY 20 SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

4 REVETTED VEHICLES

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

CHIH-RI ARMY BARRACKS NORTHEAST 1

NAC

25X1A
38-38-30N 126-44-23E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

CHIH-RI ARMY BARRACKS NORTHEAST 3

NAC

25X1A
38-39-18N 126-42-47E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

25X1

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25X1

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25X1D

KOREA, NORTH
GROUND FORCE FACILITIES



CHILCHON-DONG ARMY BARRACKS + STOR
NAC

38-39-45N 126-33-48E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

CHILCHON-DONG ARMY BARRACKS + STOR NE
NAC

38-40-40N 126-35-22E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

CHILCHON-DONG ARMY SUPPLY DEPOT
NAC

38-39-44N 126-33-18E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

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22

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TOP SECRET

25X1

25X1

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25X1

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KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

CHOMDAE-GOL HQ 5 INF REGT + ARMY BKS
NAC

25X1A
38-30-42N 127-24-59E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

CHONGDAN BARRACKS AREA
NAC

25X1A
37-58-25N 125-56-20E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

HAECHON-NI HQ 29 MORT REGT + BKS AREA
NAC

25X1A
39-05-04N 127-28-47E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

HAEJU ARMY BARRACKS NORTHEAST
[REDACTED] NAC

38-04-25N 125-47-41E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HAMHUNG HQ 7TH ARMY GROUP
[REDACTED] NAC

39-55-40N 127-32-00E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HYONGJE-DONG ARMY BARRACKS SOUTHWEST
[REDACTED] NAC

38-35-39N 126-34-58E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

2004/06/23

24

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TOP SECRET

25X1

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

KANGSO HQ 3RD ARMY GROUP
[REDACTED] NAC

25X1A
38-57-30N 125-28-20E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

KANGSO MILITARY AREA NE
[REDACTED] NAC

25X1A
39-06-15N 125-33-00E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

KANGSO MILITARY BARRACKS + STOR AREAS
[REDACTED] NAC

25X1A
38-58-20N 125-27-48E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

KOSAN STORAGE AREA
[REDACTED] NAC

25X1A
38-50-00N 127-29-00E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1

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TOP SECRET

25X1

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25X1

IPIR 16
KH-4 MISSION 1109
25X1D

KOREA, NORTH
GROUND FORCE FACILITIES



25X1D

KUNNO-RI ARMY BARRACKS
NAC

25X1A
38-28-01N 127-22-47E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

KWANTO HQ 3 ARTY REGT BKS EXPL STOR
NAC

25X1A
38-38-14N 126-35-57E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

MAKTAE-RI ARMY BKS AND STORAGE AREA
NAC

25X1A
38-35-22N 126-35-19E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

8220000

25X1

25X1

25X1

[Redacted]

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TOP SECRET

[Redacted]

KH-4 MISSION 1109
IPIR 16
25X1D

KOREA, NORTH
GROUND FORCE FACILITIES

[Redacted]

25X1D

MAYU-DONG STORAGE DEPOT
[Redacted] NAC

25X1A
38-35-36N 126-39-50E

[Redacted]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[Redacted]

25X1D

ORYUGAE ARMY BARRACKS NE
[Redacted] NAC

25X1A
39-12-20N 126-45-10E

[Redacted]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[Redacted]

25X1D

PYONGYANG ALT HQ MND PUG
[Redacted] NAC

25X1A
39-07-42N 125-48-10E

[Redacted]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[Redacted]

8780999

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TOP SECRET

[Redacted]

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

KOREA, NORTH
GROUND FORCE FACILITIES

PYONGYANG ARMY BARRACKS
NAC

39-07-40N 125-45-20E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

PYONGYANG ARMY BKS + STORAGE AREA EAST
NAC

39-03-13N 125-52-40E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

PYONGYANG BARRACKS + VEH MAINT AREA SE
NAC

38-57-40N 125-54-30E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

0780000

28

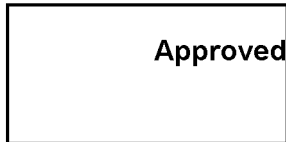
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TOP SECRET

25X1

25X1

25X1



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TOP SECRET

IPIR 16
KH-4 MISSION 1109

KOREA, NORTH
GROUND FORCE FACILITIES

25X1D

PYONGYANG ORDNANCE DEPOT N TONGPO-RI
NAC

39-04-25N 125-44-20E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

SAESULMAK BKS AREA + HQ 17 RECON BDE
NAC

38-06-48N 125-47-20E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

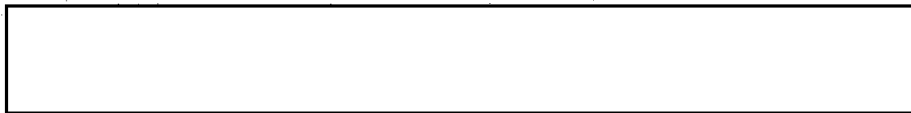
SINGYE ARMY BARRACKS NE
NAC

38-32-10N 126-33-50E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



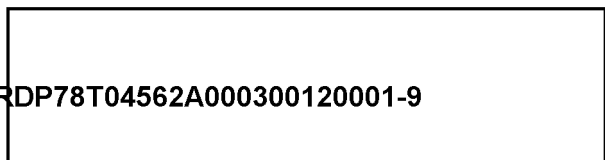
25X1D

SOKCHONG-DONG HQ 24 MORT REGT/BKS/STOR
NAC

38-41-50N 126-35-07E

STATUS:OCCUPIED

7581000



25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

KOREA, NORTH
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

SOKCHON-NI BKS/STOR + HQ 9TH INF DIV
NAC

25X1A
38-14-23N 126-37-50E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

SOKCHON-NI HQ 9 ARTY REGT + BKS AREA
NAC

25X1A
38-15-54N 126-38-36E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

SONGHUNG NCO TRNG STN + BKS
NAC

25X1A
39-59-02N 127-38-34E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1

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TOP SECRET

25X1

25X1



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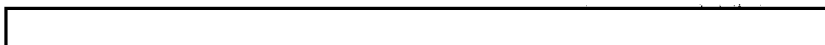


IPIR 16

KH-4 MISSION 1109

KOREA, NORTH
GROUND FORCE FACILITIES

25X1D



SONG-DONG ARMY BARRACKS
NAC

25X1A
38-27-42N 127-25-34E

25X1D



STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



SUNGHO-DONG MIL STORAGE AREA
NAC

25X1A
38-54-45N 126-01-21E

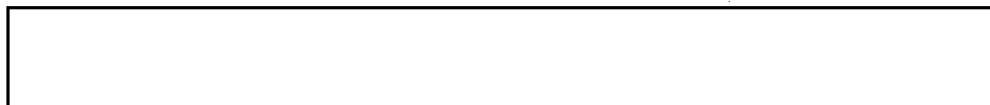
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STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

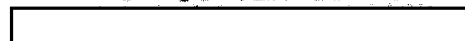
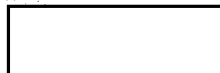
25X1D



SUNGHO-DONG STORAGE + BKS AREA NE
NAC

25X1A
39-01-52N 126-02-45E

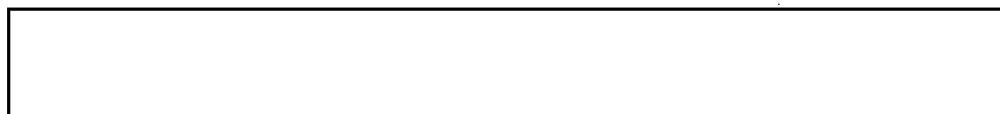
25X1D



STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



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TOP SECRET



25X1

25X1

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25X1

KH-4 MISSION 1109 IPIR 16

KOREA, NORTH
GROUND FORCE FACILITIES

UIJU MILITARY INSTALLATION
NAC

40-11-10N 124-32-05E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

YONGGANG-UP HQ 37TH INF DIV
NAC

38-51-25N 125-25-05E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1

25X1

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25X1

PIR 16

KOREA, NORTH
INDUSTRY

KH-4 MISSION 1109

SIGNIFICANT RESULTS

SONGNIM IRON + STEEL PLANT HWANGHAE
NAC

25X1A
38-44-29N 125-37-12E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

ON THE SW EDGE OF SONGNIM.
THE LARGE COKE, IRON, AND STEEL COMPLEX INCLUDES TWO COKE OVEN
BATTERIES AND AN ASSOCIATED BY-PRODUCTS AREA AT THE NW EDGE OF
THE PLANT, A ROLLING MILL AND SMALL ADJACENT OPEN HEARTH
SECTION IN THE CENTER OF THE COMPLEX, AND THREE BLAST FURNACE
AREAS (ONE UNDER CONSTRUCTION) WITH TWO LARGE AND FOUR MEDIUM
BLAST FURNACES, TWO PROBABLE BLAST FURNACES UNDER CONSTRUCTION,
ASSOCIATED HOT STOVES, AND ORE HANDLING EQUIPMENT IN THE SE
SECTION OF THE PLANT.

SUPPORT FACILITIES INCLUDE TWO TRANSFORMER YARDS, COOLING
TOWERS, A SLAG PILE, OPEN STORAGE, A WATER TREATMENT PLANT, AND
APPROXIMATELY 100 SUPPORT BUILDINGS.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

HUICHON MACHINE TOOL PLANT PUG
NAC

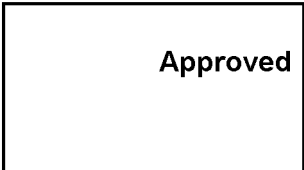
25X1A
40-10-54N 126-14-20E

STATUS: OPERATIONAL

25X1D

25X1

25X1



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TOP SECRET



25X1

KH-4 MISSION 1109 IPIR 16

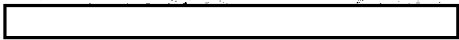
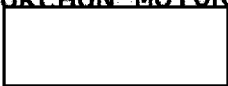
KOREA, NORTH
INDUSTRY

TOKCHON MOTOR VEHICLE PLANT
NAC

39-45-03N 126-18-03E

25X1A

25X1D



STATUS: OPERATIONAL

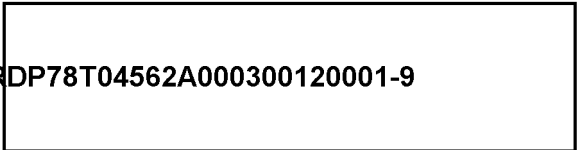
25X1D



25X1D

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TOP SECRET



25X1

25X1

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TOP SECRET

25X1

IPIR 16

KH-4 MISSION 1109

KOREA, NORTH
MISCELLANEOUS

SIGNIFICANT RESULTS

SUNCHON COMPLEX

25X1A

39-25-35N 125-56-18E

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

THE COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, CONSISTS OF SEVERAL SMALL INDUSTRIES, AN ACTIVE CHEMICAL FERTILIZER PLANT ON THE WEST SIDE OF THE RIVER, AND TWO ACTIVE CLASSIFICATION YARDS. ONE, ON THE EAST SIDE OF THE RIVER, HAS FOUR TRACKS. THE OTHER, ON THE WEST SIDE OF THE RIVER, CONTAINS AT LEAST 12 TRACKS, A TURNTABLE, A PASSENGER STATION, AND NUMEROUS ASSOCIATED SHOPS AND SUPPORT BUILDINGS. LIGHT DEFENSE POSITIONS ARE OBSERVED THROUGHOUT THE AREA.

INDUSTRIAL ACTIVITY APPEARS LIGHT.

25X1D

25X1

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

DROVYANAYA ICBM COMPLEX 25X1A

51-28-00N 113-01-00E

STATUS: OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE COMPLEX, EXCEPT LAUNCH SITES 29I, 30I, 31I, 36I, 37I, AND 40I, ARE OBSERVED. NO SIGNIFICANT MISSILE ACTIVITY IS NOTED.

25X1D

25X1D

DROVYANAYA SCALEBOARD LAUNCH SITE 3

51-27-33N 112-56-55E

NAC

STATUS: UNOCCUPIED

25X1A

PHYSICAL DESCRIPTION:

6 NM SSW OF DROVYANAYA SCALEBOARD LAUNCH SITE 1.
THE SITE IS IN A PARTIALLY WOODED AREA ASTRIDE A SECONDARY ROAD LEADING WEST FROM THE COMPLEX MAIN ROAD AND CONSISTS OF NINE VEE-POSITIONING POINTS ARRANGED IN A CIRCLE. THE SIZE AND ARRANGEMENT OF THE NINE VEE POSITIONS AND THEIR ORIENTATIONS ARE IDENTICAL TO THOSE OF DROVYANAYA SCALEBOARD LAUNCH SITE 2.

25X1D

25X1D

THE SITE WAS PRESENT ON [REDACTED] AND WAS NOT PRESENT ON [REDACTED] WHEN THE SITE WAS FIRST VISIBLE, THERE HAS BEEN NO EVIDENCE THAT THE LAUNCH POSITIONS HAVE EVER BEEN OCCUPIED.

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

KALUGA SUPPLY DEPOT PROB SSM

54-33-20N 036-21-10E

25X1A

25X1

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TOP SECRET

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

STATUS:OCCUPIED

REMARKS:

SEVERAL LONG ROWS OF VEHICLES OR MATERIAL ARE IN THE NE PORTION OF THE FACILITY.

25X1D

GROUND FORCE ORDER OF BATTLE:

25X1D

20 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

30 VEHICLES AND PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

KOZELSK ICBM COMPLEX

25X1A

53-51-30N 035-45-40E

STATUS:OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE COMPLEX ARE OBSERVED, INCLUDING THE SEVEN NEWLY IDENTIFIED SS-11 LAUNCH SITES IN LAUNCH GROUP Q PREVIOUSLY REPORTED IN THE OAK FOR THIS MISSION. LAUNCH SITES 111N, 1040, 1050, 1060, 1090, 112P, 115P, 116P, 118P, 120P, 121P, AND 122P ARE NOW COMPLETE. THIS MAKES ALL OF THE LAUNCH SITES IN LAUNCH GROUPS N, O, AND P COMPLETE. THERE ARE NOW TEN LAUNCH GROUPS COMPLETE, G THROUGH P. LAUNCH SITE 1240 IS IN A MIDSTAGE OF CONSTRUCTION.

25X1D

25X1

25X1

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TOP SECRET

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

PERVOMAYSK IRBM COMPLEX 25X1A

47-58-30N 030-56-30E

STATUS: OPERATIONAL

REMARKS:

ALL ELEMENTS OF THE COMPLEX, INCLUDING THE EIGHT NEWLY IDENTIFIED TYPE IIID LAUNCH SITES WHICH WERE REPORTED IN THE OAK FOR THIS MISSION, ARE OBSERVED EXCEPT TYPE IIID SITES 5, 6, 8, 11, 12, 14, 15, 16, 17, 23, 35, 37, AND 38 AND POSSIBLE SITES 32 AND 33. POSSIBLE SITE 30C IS NOW A CONFIRMED SITE IN THE MIDSTAGE OF CONSTRUCTION. LAUNCH SITES 18, 19, AND 20 IN THE B GROUP AND 27, 28, AND 36 IN THE D GROUP ARE NOW COMPLETE. SITE 25 IN THE D GROUP IS IN A LATE STAGE OF CONSTRUCTION AND SITES 26 AND 29 IN THE D GROUP ARE IN A MIDSTAGE OF CONSTRUCTION.

CONSTRUCTION CONTINUES ON THE VISIBLE PORTION OF THE NEW RAIL-TO-ROAD TRANSFER POINT. TWO POSSIBLE SS-5 TRANSPORTERS ARE AT PERVOMAYSK IRBM LAUNCH SITE 1, AND THREE PROBABLE SS-5 TRANSPORTERS ARE OBSERVED AT PERVOMAYSK IRBM LAUNCH SITE 2.

25X1D

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38

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TOP SECRET

25X1

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

KUULI MAYAK CRUISE MISSILE TEST FAC

25X1A
40-22-59N 052-43-37E

STATUS:NOT OPERATIONAL

REMARKS:

ALL OF THE SHADDOCK EQUIPMENT AND THE UNIDENTIFIED TRANSPORTERS IN THE ASSEMBLY AND CHECKOUT AND STORAGE AREAS HAVE BEEN REMOVED. THE BOARD FENCE AROUND THE STORAGE BUILDING IS BEING DISMANTLED.

25X1D

25X1D

SASYKTAU MISSILE LAUNCH FACILITY
NAC

25X1A
47-32-47N 049-26-47E

STATUS:OCCUPIED

REMARKS:

VEHICLES OR PIECES OF EQUIPMENT ARE OBSERVED IN THE MISSILE SUPPORT AND HANDLING AREA.

25X1D

TYURATAM MISSILE TEST CENTER

25X1A
45-56-40N 063-28-00E

25X1D

STATUS:OPERATIONAL

REMARKS:

THE COMPLEX IS COMPLETELY COVERED ON [REDACTED] AND

25X1D

25X1

25X1

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25X1

- IPIR 16
KH-4 MISSION 1109

SOVIET UNION
MISSILE RANGES

25X1D

PARTIALLY COVERED ON [REDACTED]

AT LAUNCH COMPLEX A, THE ARMS OF THE SERVICE TOWER ARE IN A HORIZONTAL POSITION AT PAD A1. IN THE SUPPORT FACILITY, THE ANNEX TO THE SPACECRAFT FACILITY APPEARS TO BE NEARING COMPLETION.

AT LAUNCH COMPLEX B, SEVERAL SMALL VEHICLES OR PIECES OF EQUIPMENT (V/PE) ARE OBSERVED AT LAUNCH PAD B2 AND SEVERAL SMALL CONSTRUCTION SUPPORT BUILDINGS HAVE BEEN REMOVED FROM THE EAST SIDE OF THE COMPLEX SUPPORT FACILITY.

IN LAUNCH COMPLEX C, SMALL V/PE ARE OBSERVED AT C1 AND C3 AND THE PREVIOUSLY REPORTED CYLINDRICAL VEHICLE IS ON THE LOOP ROAD EAST OF C1. SEVERAL V/PE ARE OBSERVED THROUGHOUT THE SUPPORT FACILITY.

25X1D

25X1D

25X1D

25X1D

AT LAUNCH COMPLEX D ON [REDACTED] THE RIGHT SILO DOOR AT D1 IS OPEN AND ON [REDACTED] THE LEFT SILO DOOR IS OPEN AND THE PROBABLE FIRST AND SECOND STAGE OF A MISSILE ARE PARKED ON THE LOOP ROAD. ALL THREE SILO DOORS ARE CLOSED ON [REDACTED] AT LAUNCH SITE D2 ON [REDACTED] A SILO LOADER IS IN A VERTICAL ATTITUDE AT THE PRACTICE POSITION AT THE EDGE OF THE APRON IN FRONT OF THE SILOS.

25X1D

25X1D

AT LAUNCH COMPLEX E, AN UNUSUALLY LARGE NUMBER OF V/PE ARE OBSERVED IN THE COMPLEX ON [REDACTED] ONE LONG V/PE PARKED ON LAUNCH PAD E1 APPEARS TO BE SIMILAR TO AN SS-9 SILO LOADER SUGGESTING THAT THIS COMPLEX IS BEING USED AS A SUPPORT AREA FOR GROUND SUPPORT EQUIPMENT FOR SS-9 SILOS. OTHER LONG V/PE IN THE COMPLEX COULD BE FUEL OR OXIDIZER TRANSPORTERS. FEWER LONG V/PE ARE OBSERVED AT COMPLEX E ON [REDACTED] WHEN PROPELLANT OPERATIONS ARE OBSERVED AT SITES I7 AND P5 ON THAT DAY FURTHER SUGGESTING THAT SS-9 VEHICLES ARE OPERATING FROM THIS COMPLEX.

25X1D

25X1D

ON [REDACTED] SIX V/PE ARE IN THE SITE AREA AT LAUNCH COMPLEX F. ON [REDACTED] THREE V/PE ARE OBSERVED THERE.

25X1D

25X1D

AT LAUNCH COMPLEX G IN LAUNCH AREA G1-G2, THE STRUCTURE [REDACTED] OUTSIDE OF THE SECURITY FENCE AND NORTH OF THE LAUNCH AREA IS IDENTIFIED AS A POSSIBLE LAUNCH PAD. SINCE [REDACTED] THE LAST COVERAGE OF THE LAUNCH AREA, A RAIL SPUR HAS BEEN EXTENDED FROM THE LAUNCH AREA NORTHWESTWARD FOR APPROXIMATELY 880 METERS (2,887 FEET) WHERE IT WISHBONES AND EXTENDS BACK TOWARD THE POSSIBLE LAUNCH PAD. THE POSSIBLE LAUNCH PAD CONSISTS OF A RECTANGULAR STRUCTURE APPROXIMATELY 34 X 12 METERS (112 X 39

888888

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TOP SECRET

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109SOVIET UNION
MISSILE RANGES

25X1D

FEET) WITHIN AN EXCAVATION AND A STRUCTURE APPROXIMATELY 12 METERS (39 FEET) SQUARE AT THE NORTHWEST EDGE OF THE EXCAVATION. THE LONG AXIS OF THE RECTANGULAR STRUCTURE IS ORIENTED ON AN AZIMUTH OF [REDACTED] TWO SMALL CONSTRUCTION SUPPORT BUILDINGS ARE JUST NORTHWEST OF THE EXCAVATION. TO DATE THE AREA AROUND THE POSSIBLE LAUNCH PAD HAS NOT BEEN SECURED. THERE WAS NO EVIDENCE OF CONSTRUCTION OF THE POSSIBLE LAUNCH PAD ON [REDACTED], AND THE FIRST EVIDENCE OF CONSTRUCTION WAS OBSERVED ON [REDACTED]

25X1D

25X1D

25X1D

25X1D

25X1D

[REDACTED] ONLY THE RAILBED EXTENDED TO THE POSSIBLE LAUNCH PAD. HOWEVER, ON [REDACTED] A WORK TRAIN ENGAGED IN TRACK CONSTRUCTION WAS OBSERVED AT THE NORTHWEST FENCE LINE OF THE LAUNCH AREA, AND BY [REDACTED] TRACK HAD BEEN LAID TO THE END OF THE NEW SPUR. SINCE THE POSSIBLE LAUNCH PAD IS ONLY AN EXTENSION TO LAUNCH AREA G1A-G2A IT DOES NOT CONSTITUTE A NEW TARGET. HOWEVER, TO FACILITATE IDENTIFICATION OF INDIVIDUAL LAUNCHERS, THE LAUNCH AREA HAS BEEN REDESIGNATED LAUNCH AREA G1. FURTHER REFERENCES TO INDIVIDUAL LAUNCHERS WILL BE A, B, AND C AS FOLLOWS -- G1A RETAINS THE SAME DESIGNATOR, G2A BECOMES LAUNCH PAD G1B, AND THE NEW POSSIBLE LAUNCH PAD BECOMES G1C.

25X1D

ON [REDACTED] AN EMPTY TRANSPORTER IS PARKED ON THE PAD AT G1A. AT LAUNCH AREA G3-G4, THE GANTRIES ARE PARKED AT THEIR USUAL POSITIONS TO THE REAR OF THE PADS, AND AN EMPTY TRANSPORTER IS PARKED ON THE RAIL SPUR NEAR PAD G3 ON ALL FOUR DAYS. ON [REDACTED] A PROBABLE LOCOMOTIVE WITH ONE CAR IS MOVING AWAY FROM G3. STRUCTURES ARE UNDER CONSTRUCTION IN THE EXCAVATIONS NORTHWEST OF EACH LAUNCH PAD. WHAT APPEARS TO BE A CONDUIT IN A LINEAR EXCAVATION EXTENDS BETWEEN ONE OF THE STRUCTURES AND LAUNCH PAD G4. THE GANTRY IN LAUNCH AREA G5-G6 IS FORWARD ON PAD G6 ON [REDACTED] AND APPROXIMATELY 90 CANISTERS ARE NOW STORED IN THE LAUNCH AREA. IN THE SUPPORT FACILITY FOR COMPLEX G, TWO CIRCULAR EXCAVATIONS APPARENTLY FOR ADDITIONAL TANKAGE HAVE BEEN DUG IN THE WATER FACILITY.

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

IN LAUNCH COMPLEX H, ONE TRANSPORTER IS IN THE SAME POSITION ON THE RAIL SPUR BETWEEN LAUNCH PAD H1 AND THE H1 READY BUILDING ON [REDACTED] SIX PROBABLE TANK CARS ARE ON THE RAIL SPUR SERVING THE H1 SIDE OF THE AREA, AND A STRING OF RAIL CARS IS ON THE SPUR SERVING THE H2 SIDE. ON [REDACTED] FOUR PROBABLE TANK CARS, ONE POSSIBLE CRYOGEN CAR, AND THREE LONG V/PE ARE ON THE H1 SIDE, AND A STRING OF RAIL CARS IS ON THE H2 SIDE. ON [REDACTED] FOUR PROBABLE TANK CARS AND TWO POSSIBLE CRYOGEN CARS ARE ON THE H1 SIDE, AND A STRING OF RAIL CARS IS ON THE H2 SIDE. THE STRING OF RAIL CARS ON THE H2 SIDE APPEARS TO BE IN ALMOST THE SAME POSITION ON [REDACTED]

25X1D

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41

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TOP SECRET

25X1

25X1

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TOP SECRET

25X1

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
MISSILE RANGES

25X1D

IN LAUNCH GROUP I NO ACTIVITY IS OBSERVED AT LAUNCH SITES I2, I3, I5, AND I6. V/PE ARE OBSERVED AT LAUNCH SITES I1 AND I7.

25X1D

AT I7 ON [] THE NORTH AND SOUTH SILO DOORS ARE OPEN AND A SMALL V/PE IS AT EACH OF THOSE SILOS. ON [] ALL SILO DOORS ARE CLOSED. AT THE NORTHERN SILO, FOUR PROBABLE FUEL TRANSPORTERS, TWO PROBABLE TRANSFER VANS, AND FOUR SMALL V/PE ARE AT THE SILO. WITHIN THE SITE AND ALONG THE ACCESS ROAD TO THE SILOS ARE NINE LONG AND ONE SHORT V/PE. THE NINE LONG VEHICLES ARE PROPELLANT-TYPE VEHICLES. AT LAUNCH SITE I4, THE SILO DOOR IS PARTIALLY OPEN ON []

25X1D

25X1D

AT LAUNCH COMPLEX J ON [] BOTH TRANSPORTER ERECTORS ARE PARKED AT THE NORTH END OF THE VEHICLE ASSEMBLY BUILDING (VAB). ON [] ONE TRANSPORTER ERECTOR IS PARKED AT THE NORTH END OF THE VAB AND THE OTHER IS AT LAUNCH PAD J2 IN AN ERECTED POSITION. SHADOW ANALYSIS SUGGESTS THAT A PORTION OF A LAUNCH VEHICLE IS BEING ERECTED. THE ROTATING SERVICE TOWER IS PARKED IN THE AWAY-FROM-THE-PAD POSITION. [] ONE TRANSPORTER ERECTOR IS PARKED AT THE NORTH END OF THE VAB. LAUNCH PAD J2 IS CLOUD COVERED, BUT ENOUGH OF THE ROTATING SERVICE TOWER CAN BE SEEN TO DETERMINE THAT THE TOWER IS AT THE PAD.

25X1D

25X1D

LITTLE IF ANY REPAIR HAS BEEN EFFECTED ON LAUNCH PAD J1 ALTHOUGH A CRANE APPEARS TO BE WORKING OVER THE APERTURE. TWO POSSIBLE LATTICEWORK ILLUMINATION TOWERS ARE LYING ON THE GROUND ADJACENT TO THE BASES OF THE TWO WHICH WERE DESTROYED, SUGGESTING THAT REPLACEMENT OF THE TOWERS IS IN PROGRESS. THE BUILDING WHICH HAS BEEN UNDER CONSTRUCTION NORTH OF J1 HAS BEEN BACKFILLED, BUT THERE IS A CLUTTER OF MATERIAL NEARBY, AND THE BUILDING DOES NOT YET HAVE A CLEAR FINISHED APPEARANCE. THERE ARE STILL OPEN DITCHES NEAR THE NORTHEAST END OF THE INTERPAD AREA. A DITCH OR LINEAR MOUND HAS BEEN EXTENDED FROM THE PROBABLE INSTRUMENTATION BUILDING AT THE EDGE OF THE CONCRETE APRON AND NORTHWEST OF LAUNCH PAD J2. THE DITCH OR MOUND IS STRAIGHT, AND EXTENDS NORTHWESTWARD TO AN UNIDENTIFIED OBJECT OUTSIDE OF THE SECURITY FENCES.

AN OPENING HAS BEEN MADE IN THE CONCRETE APRON APPROXIMATELY 213 METERS (700 FEET) SOUTH OF LAUNCH PAD J2 AND A SHORT LINEAR EXCAVATION HAS BEEN DUG AT THAT POINT. A RECTANGULAR EXCAVATION HAS BEEN DUG SOUTH OF J2 IN THE AREA FORMERLY OCCUPIED BY THE DESTROYED CONSTRUCTION SUPPORT BUILDINGS. APPROXIMATELY 15 RAIL CARS ARE PARKED ON RAIL SPURS ON THE J2 SIDE OF THE LAUNCH AREA. AMONG THESE ARE TWO LIGHT-TONED PROBABLE TANK-TYPE CARS APPROXIMATELY [] IN LENGTH AND [] IN DIAMETER.

25X1D

25X1D

25X1

25X1

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TOP SECRET

25X1

IPIR 16
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MISSILE RANGES

AT THE SPACECRAFT INTEGRATION FACILITY, THE BUILDING WHICH HAS BEEN UNDER CONSTRUCTION APPEARS TO BE EXTERNALLY COMPLETE, BUT OPEN DITCHING STILL REMAINS IN THE VICINITY.

CONSTRUCTION CONTINUES ON THE BUILDING AT THE SOUTHEAST CORNER OF THE VAB. VERTICAL AND HORIZONTAL STRUCTURAL MEMBERS IN PLACE INDICATE THAT THE BUILDING WILL HAVE THREE BAYS. THE LONG AXIS OF THE BAYS WILL BE PERPENDICULAR TO THE LONG AXIS OF THE VAB. THE BUILDING IS IN THE PROCESS OF BEING ROOFED. THE PROBABLE HEATING AND POWERPLANT WEST OF THE VAB NOW APPEARS TO BE EXTERNALLY COMPLETE.

IN LAUNCH GROUP K, UNIDENTIFIED ACTIVITY IS OBSERVED AT K2. WORK APPEARS TO BE IN PROGRESS AT THE WEST END OF THE SILO DOOR, BUT THE SCALE OF THE PHOTOGRAPHY DOES NOT PERMIT IDENTIFICATION OF THE OPERATION IN PROGRESS. [REDACTED]

[REDACTED] A SMALL CRANE IS WORKING OVER THE OPEN SILO AND SEVERAL SMALL V/PE ARE PARKED NEAR THE SILO ON ALL THREE DAYS. THE SILO DOOR IS CLOSED ON [REDACTED]

IN LAUNCH GROUP L, SMALL V/PE ARE OBSERVED AT LAUNCH SITES L2 AND L4. AT LAUNCH SITE L7 ON [REDACTED] AN SS-11 SILO LOADER IS POSITIONED NEAR THE SILO, AND A PROBABLE TRANSPORTER IS PARKED ON THE TURN-AROUND PORTION OF THE ACCESS ROAD. A SMALL V/PE IS PARKED ALONGSIDE THE PROBABLE TRANSPORTER.

NO ACTIVITY IS OBSERVED AT THE SITES OF LAUNCH GROUPS M OR O. IN LAUNCH GROUP N, SMALL V/PE ARE OBSERVED AT LAUNCH SITES N1 AND N2.

WITH THE EXCEPTION OF LAUNCH SITE P5, NO ACTIVITY IS NOTED IN LAUNCH GROUP P. AT LAUNCH SITE P5 ON [REDACTED] APPROXIMATELY EIGHT SMALL V/PE ARE PARKED NEAR THE SILO. ON [REDACTED] FIVE LONG PROBABLE PROPELLANT VEHICLES AND ONE LONG AND TWO SHORT V/PE ARE PARKED ON THE LOOP ROAD. FOUR SMALL V/PE ARE PARKED TO THE REAR OF THE SILO. THREE LONG PROBABLE PROPELLANT VEHICLES AND ONE SMALL V/PE ARE ON THE ACCESS ROAD JUST OUTSIDE OF THE SECURITY FENCE.

THE SITES AT LAUNCH GROUP Q ARE NOW ALL IN A MIDSTAGE OF CONSTRUCTION. THE SILO HEADWORKS WALLS ARE PARTIALLY UP AND THE SITE ACCESS ROADS ARE BEING CONSTRUCTED. AT LAUNCH SITE Q2, THREE TANKS ARE ADJACENT TO THE HEADWORKS, FIVE TANKS ARE IN THE EXCAVATION BY THE CONTROL BUNKER, AND SIX MORE ARE AT THE EDGE OF THE EXCAVATION.

AT THE TYURATAM SPACE TRACKING FACILITY, A U-SHAPED CRANE IS IN POSITION OVER THE NEW PEDESTAL AND A DISH ANTENNA IS UNDER

25X1

25X1

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25X1

- IPIR 16
KH-4 MISSION 1109

SOVIET UNION
MISSILE RANGES

CONSTRUCTION ON THE GROUND ON THE WEST SIDE OF THE PEDESTAL. IN THE MAIN SUPPORT BASE, SEVERAL NEW BUILDINGS ARE UNDER CONSTRUCTION AT THE POL FACILITY ON THE WEST EDGE OF THE CONSTRUCTION SUPPORT FACILITY.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

KAPUSTIN YAR TRACKING FACILITY
[REDACTED] NAC

48-21-06N 047-04-41E

STATUS:OCCUPIED

REMARKS:
NO NEW RADAR SITES ARE OBSERVED.

25X1D

25X1D

KAPUSTIN YAR/LAKE ELTON TRACKING FAC
[REDACTED] NAC

49-09-33N 046-51-44E

STATUS:OCCUPIED

REMARKS:
NO NEW RADAR SITES ARE OBSERVED.

25X1D

25X1

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25X1

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TOP SECRET

25X1

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

ARTYK SAM SITE A34-2
[REDACTED] NAC

25X1A
37-37-26N 059-16-34E

STATUS:OCCUPIED

25X1D

[REDACTED]

25X1D

ASHKHABAD SAM SITE A08-2
[REDACTED] NAC

25X1A
37-58-21N 058-30-12E

STATUS:OCCUPIED

25X1D

[REDACTED]

25X1D

ASHKHABAD SAM SITE B32-2
[REDACTED] NAC

25X1A
38-07-05N 058-09-05E

STATUS:OCCUPIED

25X1D

[REDACTED]

25X1D

ASHKHABAD SAM SITE C11-2
[REDACTED] NAC

25X1A
37-48-41N 058-54-00E

STATUS:OCCUPIED

25X1D

[REDACTED]

25X1D

ASTRAKHAN SAM SITE A14-2
[REDACTED] NAC

25X1A
46-14-42N 048-11-12E

STATUS:OCCUPIED

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TOP SECRET

45

25X1

25X1

25X1

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TOP SECRET

IPIR 16

SOVIET UNION
AIR DEFENSE MISSILES

KH-4 MISSION 1109

25X1D

25X1D

ASTRAKHAN SAM SITE A34-2

46-28-12N 047-56-54E

NAC

STATUS:OCCUPIED

25X1D

25X1D

ASTRAKHAN SAM SUPPORT FACILITY

46-26-50N 047-56-50E

NAC

STATUS:OPERATIONAL

25X1D

25X1D

ASTRAKHAN SAM SUPPORT FACILITY 2

46-26-25N 047-57-40E

NAC

STATUS:OPERATIONAL

REMARKS:

NUMEROUS VEHICLES OR PIECES OF EQUIPMENT ARE OBSERVED IN THE FACILITY.

25X1D

25X1D

BABAYEVO SAM COMPLEX C30-5

25X1A

59-32-53N 035-21-10E

STATUS:OCCUPIED

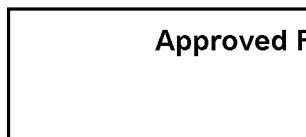
25X1D

REMARKS:

LITTLE CHANGE IS OBSERVED SINCE
CONSTRUCTION CONTINUES AT LAUNCH POSITIONS C1 AND C2.

25X1

25X1



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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

MISSILE ORDER OF BATTLE:

-- LAUNCH AREA
18 LAUNCHERS

1 MOBILE TALL KING ANTENNA

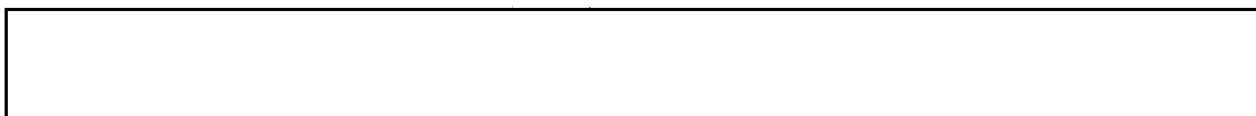
25X1D

-- TRACKING AND GUIDANCE FACILITY
3 PROB SQUARE PAIR RADARS

25X1D

-- AIR WARNING RADAR FACILITY
4 UNIDENTIFIED RADARS

25X1D



25X1D

BARANO-ORENBURGSKOYE MRBMCPLX SAMA34-2
 NAC

25X1A
44-25-55N 131-22-50E

STATUS:OCCUPIED

REMARKS:
THE SITE IS PROBABLY OCCUPIED.

25X1D



25X1D

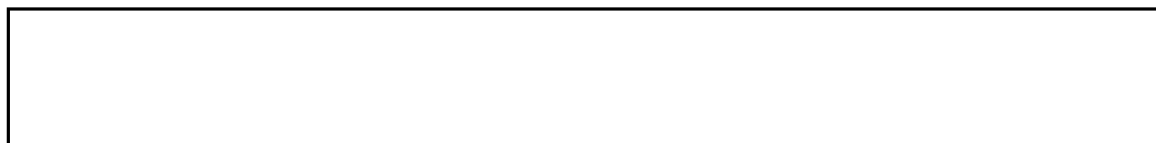
BARANO-ORENBURGSKOYE SAM SUPPORT FAC
 NAC

25X1A
44-26-33N 131-22-49E

STATUS:OPERATIONAL

REMARKS:
THE FACILITY IS PROBABLY OPERATIONAL.

25X1D



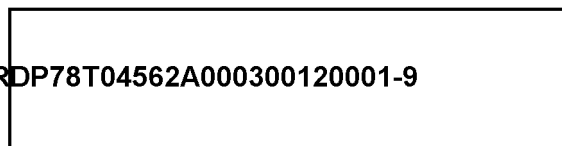
25X1D

BELGOROD-DNESTROVSKIY SAM SITE B25A-2

46-06-30N 030-05-50E
25X1A

STATUS:UNOCCUPIED

60X0000



25X1

25X1

25X1

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TOP SECRET

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

PHYSICAL DESCRIPTION:

10.6 NM WSW OF BELGOROD-DNESTROVSKIY.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS, AN UNRETTED GUIDANCE AREA, AND TWO MISSILE-HOLD
POSITIONS. THE SITE IS APPROXIMATELY 1.5 NM SE OF
BELGOROD-DNESTROVSKIY SAM SITE B25-2

25X1A

25X1D

25X1D

CHEREPOVETS SAM COMPLEX A11-5

NAC

25X1A
59-06-19N 038-10-17E

STATUS:OCCUPIED

25X1D

25X1D

CHEREPOVETS SAM SITE A15-2

NAC

25X1A
59-00-22N 038-05-16E

STATUS:OCCUPIED

REMARKS:

ALL SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED.

25X1D

25X1D

CHEREPOVETS SAM SITE B33-2

NAC

25X1A
59-18-27N 037-38-46E

STATUS:OCCUPIED

REMARKS:

ALL SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED.

25X1D

TOP SECRET

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

CHEREPOVETS SAM SUPPORT FACILITY
[REDACTED] NAC

59-07-30N 038-02-22E
25X1A

STATUS: OPERATIONAL

25X1D

25X1D

DROVYANAYA ICBM COMPLEX SAM SITE C26-2 51-22-37N 112-26-18E
[REDACTED]

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

23.2 NM WSW OF THE DROVYANAYA ICBM COMPLEX SUPPORT FACILITY. THE COMPLETED, DOUBLY SECURED SA-2 SAM SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A GUIDANCE AREA WITH AN EARTH-MOUNDED STRUCTURE, THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS, A PROBABLE ACQUISITION RADAR POSITION, AND AT LEAST TWO OTHER REVETMENTS. THE ON-SITE SUPPORT FACILITY IMMEDIATELY ADJACENT TO THE SITE CONSISTS OF TWO LARGE SUPPORT BUILDINGS, ONE OF WHICH IS SEPARATELY SECURED, AND AT LEAST 12 SMALLER BUILDINGS AND STRUCTURES. ALL LAUNCH POSITIONS, MISSILE-HOLD POSITIONS, AND THE CENTRAL GUIDANCE AREA ARE OCCUPIED.

25X1D

25X1D

KOSTROMA SAM COMPLEX D04-5 25X1A 58-13-20N 041-37-55E
[REDACTED]

STATUS: OCCUPIED

REMARKS:

ALL 18 LAUNCH POSITIONS, THE THREE RADAR MOUNDS OF THE TRACKING AND GUIDANCE FACILITY, AND THE FOUR RADAR MOUNDS OF THE AIR WARNING RADAR FACILITY ARE OCCUPIED.

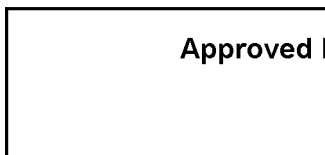
25X1D

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TOP SECRET

25X1

25X1



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TOP SECRET



25X1

IPIR 16

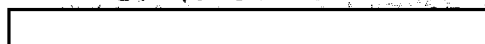
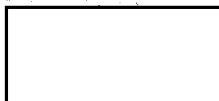
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

KOSTROMA SAM SUPPORT FACILITY
NAC

57-49-00N 041-02-23E

25X1D



STATUS: OPERATIONAL

REMARKS:

SEVERAL VEHICLES OR PIECES OF EQUIPMENT ARE OBSERVED THROUGHOUT THE FACILITY. THE GORKIY REVETMENT IS OCCUPIED.

25X1D

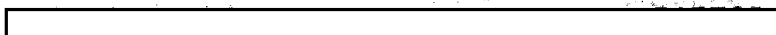
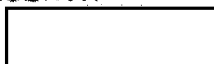


25X1D

MOSKVA SAM SITE B01-2

25X1A

55-57-56N 037-39-53E



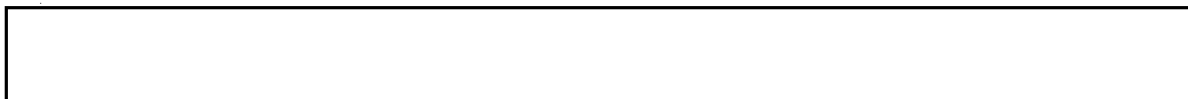
STATUS: UNOCCUPIED

PHYSICAL DESCRIPTION:

13 NM NNE OF MOSCOW.

TWO OF THE SIX LAUNCH POSITIONS ARE UNDERGOING MODIFICATION BY THE REMOVAL OF THEIR ADJACENT REVETMENT WALLS. NEW WALLS HAVE BEEN CONSTRUCTED TO FORM ONE LARGE REVETTED EXCAVATION, THE FUNCTION OF WHICH IS UNDETERMINED. THE SECURED, UNOCCUPIED SITE ALSO CONTAINS A COVERED GUIDANCE AREA, THREE MISSILE-HOLD REVETMENTS (TWO COVERED), AND ONE LARGE AND AND FIVE SMALL BUILDINGS.

25X1D



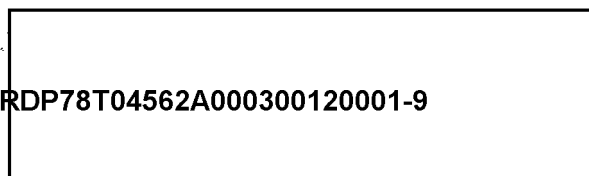
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TOP SECRET



25X1

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109 IPIR 16

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1D

MOSKVA SAM SITE B26-2

25X1A

55-42-15N 037-16-47E

STATUS:UNOCCUPIED

REMARKS:

A PREVIOUSLY UNREPORTED GABLE-ROOFED BUILDING IS WITHIN THE SECURED AREA. AN ADDITIONAL BUILDING IS ADJACENT TO AND OUTSIDE OF THE SITE ENTRANCE. NUMEROUS MINOR STRUCTURES ARE OBSERVED THROUGHOUT THE SECURED AREA. THE GUIDANCE AREA IS COVERED. ALL SIX LAUNCH POSITIONS AND THE GUIDANCE AREA ARE UNOCCUPIED. SNOW REMOVAL IS NOT EVIDENT.

25X1D

25X1D

MOSKVA SAM SITE B29-2
NAC

55-47-50N 037-16-00E

STATUS:OCCUPIED

25X1D

25X1D

MOSKVA SAM SITE C30-2

25X1A

55-54-06N 037-04-04E

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51

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TOP SECRET

25X1

25X1

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25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

21 NM NW OF MOSCOW.
THE SECURED SA-2 SITE IS OF AN UNDETERMINED CONFIGURATION AND
CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE
AREA, THREE REVETTED MISSILE-HOLD POSITIONS, AND A PROBABLE
ACQUISITION RADAR REVETMENT. NO OTHER STRUCTURES OR BUILDINGS
ARE PRESENT.

25X1D

MOSKVA SAM SITE E04-3

25X1A

56-20-20N 038-24-00E

25X1D

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

43 NM NE OF MOSCOW.
THE NEWLY IDENTIFIED SA-3 SITE IS OF AN F CONFIGURATION AND
CONSISTS OF THREE REVETTED LAUNCH POSITIONS, A FOURTH LAUNCH
POSITION UNDER CONSTRUCTION, A MOUNDED CENTRAL GUIDANCE AREA,
AND TWO MISSILE-HOLD POSITIONS. THE SITE IS UNOCCUPIED.

25X1D

MOSKVA SAM SITE E05-3

25X1A

56-15-25N 038-29-10E

25X1D

STATUS:UNOCCUPIED

Approved For Release 2004/06/23 : CIA-RDP78T04562A000300120001-9

25X1

25X1

TOP SECRET

SOVIET UNION
AIR DEFENSE MISSILES

43 NM NE OF MOSCOW.

THE NEWLY IDENTIFIED SA-3 SITE IS OF AN F CONFIGURATION AND CONSISTS OF FOUR REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND TWO MISSILE-HOLD POSITIONS.

25X1D

MOSKVA SAM SITE E06-3

25X1A

56-08-20N 038-47-30E

25X1D

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

45 NM NE OF MOSCOW.

THE NEWLY IDENTIFIED SA-3 SITE IS OF A G CONFIGURATION AND CONSISTS OF FOUR REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND TWO MISSILE-HOLD POSITIONS.

25X1D

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TOP SECRET

25X1

25X1

Approved For Release 2004/06/23 : CIA-RDP78T04562A000300120001-9

TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

MOZHAYSK SAM COMPLEX B32-5

25X1A

55-37-58N 035-49-25E

25X1D

STATUS:OCCUPIED

REMARKS:

EARTH-COVERED BUILDINGS ARE COMPLETE AT SITE CONTROL CENTERS A AND C. MISSILE-READY BUILDINGS/SHELTERS ARE OBSERVED AT LAUNCH POSITIONS A1-A6 AND C1-C6. THE LAUNCH POINTS OF THESE 12 POSITIONS ARE OCCUPIED. RADAR MOUNDS A AND C IN THE TRACKING AND GUIDANCE FACILITY ARE OCCUPIED. CONSTRUCTION CONTINUES IN THE MISSILE-HANDLING FACILITY. AT LEAST THREE NEW BUILDINGS ARE OBSERVED IN THE SUPPORT FACILITY. ALL FOUR MOUNDS AT THE AIR WARNING RADAR FACILITY ARE OCCUPIED.

25X1D

25X1D

NAKHODKA SAM SITE A15-2
NAC

42-42-11N 133-02-11E

STATUS:OCCUPIED

25X1D

25X1D

NAKHODKA SAM SITE A28-2
NAC

42-50-24N 132-46-34E

STATUS:OCCUPIED

25X1D

5000000

54

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TOP SECRET

25X1

25X1

Approved For Release 2004/06/23 : CIA-RDP78T04562A000300120001-9

TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

NAKHODKA SAM SITE B07-2
[REDACTED] NAC

25X1A
42-55-15N 133-06-36E

STATUS:OCCUPIED

25X1D

25X1D

NAKHODKA SAM SITE B29A-2
[REDACTED] NAC

25X1A
42-53-45N 132-35-20E

STATUS:OCCUPIED

REMARKS:
THE SITE IS PROBABLY OCCUPIED.

25X1D

25X1D

NAKHODKA SAM SITE B29-2
[REDACTED] NAC

25X1A
42-54-40N 132-30-35E

STATUS:OCCUPIED

REMARKS:
THE SITE IS PROBABLY OCCUPIED.

25X1D

25X1D

NAKHODKA SAM SUPPORT FACILITY
[REDACTED] NAC

25X1A
42-54-20N 133-05-50E

STATUS:OPERATIONAL

25X1D

8000000

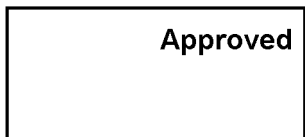
55

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TOP SECRET

25X1

25X1



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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

NAZAROV SAM SITE B04-2
NAC

56-09-37N 090-39-26E

STATUS:OCCUPIED

25X1D



25X1D

NAZAROV SAM SITE B16-2
NAC

55-51-39N 090-34-25E

STATUS:OCCUPIED

25X1D



25X1D

NAZAROV SAM SITE B26-2
NAC

55-57-50N 090-01-55E

STATUS:OCCUPIED

25X1D



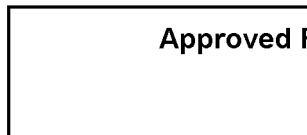
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Approved For Release 2004/06/23 : CIA-RDP78T04562A000300120001-9

Approved For Release 2004/06/23 : CIA-RDP78T04562A000300120001-9

TOP SECRET

25X1



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TOP SECRET



25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

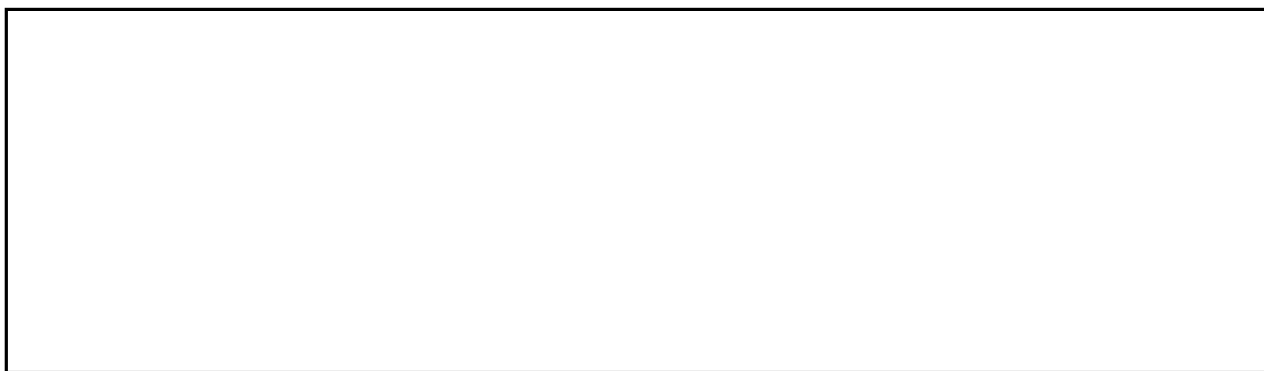
NOVOKUZNETSK SAM SITE B05-2
NAC

53-54-25N 087-26-40E

25X1D



STATUS:OCCUPIED

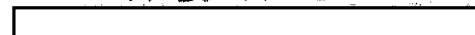
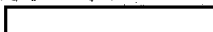


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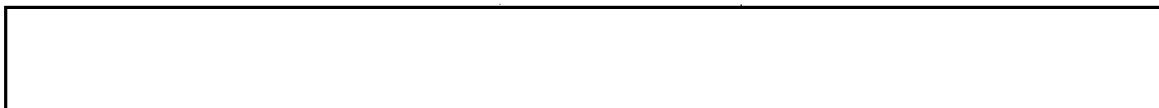
NOVOSYSOYEVKA SAM SITE B01-2
NAC

44-20-44N 133-30-27E

25X1D



STATUS:OCCUPIED

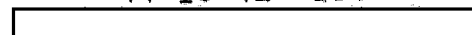
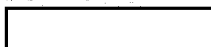


25X1D

NOVOSYSOYEVKA SAM SITE B09-2
NAC

44-10-42N 133-54-28E

25X1D



STATUS:OCCUPIED

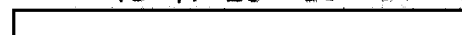
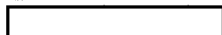


25X1D

OLGA SAM SITE A05-2
NAC

43-47-20N 135-20-40E

25X1D



STATUS:OCCUPIED



25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1D

OLGA SAM SUPPORT FACILITY
NAC

25X1A
43-46-21N 135-19-30E

STATUS: OPERATIONAL

25X1D

25X1D

RUBTSOVSK SAM SITE B11-2 25X1A

51-27-19N 081-31-35E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

9 NM EAST OF RUBTSOVSK.

THE COMPLETED SA-2 SAM SITE IS OF A LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A GUIDANCE AREA CONTAINING A DRIVE-IN BUNKERED STRUCTURE, THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS, A PROBABLE ACQUISITION RADAR POSITION, AND AN UNREVETTED PARKING AREA CONTAINING SEVERAL VEHICLES OR PIECES OF EQUIPMENT. THE ON-SITE SUPPORT FACILITY CONTAINS THREE LARGE AND AT LEAST FOUR SMALL BUILDINGS.

25X1D

25X1D

RUBTSOVSK SAM SITE B20-2

25X1A

51-19-38N 081-06-29E

STATUS: OCCUPIED

25X1

25X1

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TOP SECRET

25X1

- IPIR 16

KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

PHYSICAL DESCRIPTION:

11.5 NM SSW OF RUBTSOVSK.

THE COMPLETED SA-2 SAM SITE IS OF A LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A GUIDANCE AREA CONTAINING A BUNKERED DRIVE-IN STRUCTURE, THREE REVETTED MISSILE-HOLD POSITIONS, A PROBABLE ACQUISITION RADAR POSITION, AND A LARGE UNREVETTED VEHICLE PARKING AREA. THE ON-SITE SUPPORT FACILITY CONSISTS OF TWO LARGE AND EIGHT SMALLER BUILDINGS.

25X1D

RUBTSOVSK SAM SITE B30-2
NAC

51-32-52N 080-52-42E

STATUS:OCCUPIED

25X1D

RUBTSOVSK SAM SUPPORT FACILITY
NAC

51-28-40N 081-07-58E

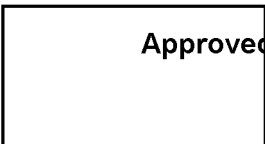
25X1D

STATUS:OPERATIONAL

25X1D

25X1

25X1



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TOP SECRET



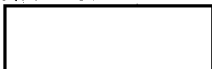
25X1

KH-4 MISSION 1109 IPIR 16

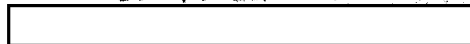
SOVIET UNION
AIR DEFENSE MISSILES

25X1D

SAMARKAND SAM SITE A05-2
NAC



25X1A
39-44-12N 067-04-02E

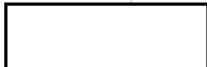


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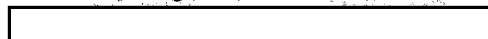


25X1D

SAMARKAND SAM SITE B28-2
NAC



25X1A
39-38-49N 066-36-15E

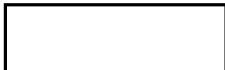


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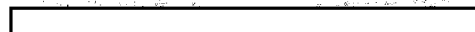


25X1D

SAMARKAND SAM SUPPORT FACILITY
NAC



25X1A
39-44-08N 067-07-08E

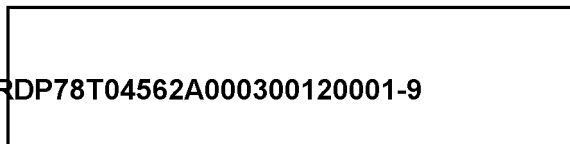


STATUS:OPERATIONAL



25X1D

SECRET



25X1

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

SARY-OZEK SAM SITE A15-2
NAC

25X1A
44-20-25N 077-59-56E

STATUS:OCCUPIED

25X1D

25X1D

SARY-OZEK SAM SITE B01-2
NAC

25X1A
44-36-57N 077-58-24E

STATUS:OCCUPIED

25X1D

25X1D

SARY-OZEK SAM SITE B24-2
NAC

25X1A
44-10-16N 077-38-19E

STATUS:OCCUPIED

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

ASHKHABAD PROB SAM SUPPORT FACILITY 2
NAC

25X1A
38-01-40N 058-10-20E

STATUS:UNKNOWN

25X1D

25X1D

ASHKHABAD SAM SITE A05-2
NAC

25X1A
37-59-30N 058-26-35E

STATUS:UNOCCUPIED

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TOP SECRET

25X1

25X1

25X1

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TOP SECRET

KH-4 MISSION IPIR 16
1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1D

ASHKHABAD SAM SITE A28-2
NAC

37-57-10N 058-15-30E

STATUS:UNOCCUPIED

25X1D

25X1D

ASHKHABAD SAM SUPPORT FACILITY
NAC

37-55-22N 058-16-40E

STATUS:UNKNOWN

25X1D

25X1D

ASTRAKHAN SAM SITE B23-2
NAC

46-10-59N 047-48-01E

STATUS:UNOCCUPIED

25X1D

25X1D

BARANO-ORENBURGSKOYE SAM SITE A05-2
NAC

44-21-05N 131-31-30E

STATUS:UNOCCUPIED

25X1D

25X1D

BARANO-ORENBURGSKOYE SAM SITE B19A-2
NAC

44-03-10N 131-26-00E

STATUS:UNOCCUPIED

25X1D

25X1D

MOSKVA SAM SITE B31-2
NAC

55-54-10N 037-18-45E

010000

62

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TOP SECRET

25X1

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

STATUS:UNOCCUPIED

REMARKS:
THE SITE IS UNOCCUPIED. HOWEVER, SOME SNOW REMOVAL IS EVIDENT.

25X1D

[REDACTED]

NAZAROV SAM SUPPORT FACILITY
NAC

25X1A
56-11-18N 090-26-12E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

NIZHNIY TAGIL SAM COMPLEX D07-5
NAC

25X1A
58-06-06N 060-53-59E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

NIZHNIY TAGIL SAM SITE B27-2
NAC

25X1A
57-53-32N 059-36-34E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNOCCUPIED

25X1D

[REDACTED]

25X1D

NIZHNIY TAGIL SAM SITE C13-2
NAC

25X1A
57-43-18N 060-30-41E

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

25X1

110000

25X1



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TOP SECRET



25X1

- IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR DEFENSE MISSILES

25X1D NOVOSYSOYEVKA SAM SITE B10-2 44-08-10N 133-48-00E
[Redacted] NAC [Redacted]

STATUS:UNOCCUPIED

25X1D [Redacted]

25X1D OLGA SAM SITE A19-2 43-42-10N 135-17-20E
[Redacted] NAC [Redacted]

STATUS:UNKNOWN

25X1D [Redacted]

25X1D SAMARKAND SAM SITE B29-2 39-44-42N 066-40-26E
[Redacted] NAC [Redacted]

STATUS:UNOCCUPIED

25X1D [Redacted]

25X1D SAMARKAND SAM SITE C06-2 39-51-30N 067-22-05E
[Redacted] NAC [Redacted]

STATUS:UNOCCUPIED

25X1D [Redacted]

25X1D SAMARKAND SAM SITE C07-2 39-51-11N 067-29-59E
[Redacted] NAC [Redacted]

STATUS:UNOCCUPIED

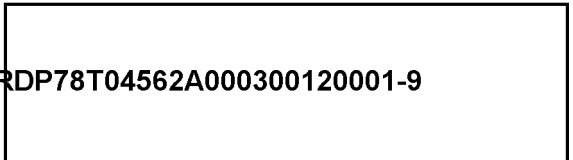
25X1D [Redacted]

2004/06/23

TOP SECRET 64

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TOP SECRET



25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

ASTRAKHAN AW RADAR FAC NW

25X1A
46-24-20N 047-55-45E

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

4.3 NM NW OF ASTRAKHAN AND 2.5 NM WEST OF ASTRAKHAN TALL KING-AD HQ RADAR FACILITY. THIS SECURED SITE CONTAINS THE FOLLOWING RADARS -- TWO BAR LOCK ON MOUNDS (ONE APPARENTLY BEING HARDENED), ONE ROCK CAKE OR STONE CAKE ON A MOUND (FROM WHICH TRACKS LEAD INTO A SHELTER), ONE PROBABLE BACK NET ON A MOUND, AND ONE SQUAT EYE. THIS FACILITY ALSO CONTAINS TWO PROBABLE BARRACKS, ONE ADMINISTRATION BUILDING, ONE PARADE GROUND OR DRILL FIELD, 18 STORAGE OR SUPPORT BUILDINGS, TWO DRIVE-THROUGH BUNKERS, TWO DRIVE-THROUGH REVETMENTS, THREE DRIVE-IN BUNKERS, ONE CROSS-SHAPED REVETMENT, AND NUMEROUS POL DRUMS. THIS AW RADAR FACILITY HAS PREVIOUSLY BEEN REPORTED UNDER ASTRAKHAN TALL KING-AD HQ RADAR FACILITY.

ELECTRONIC ORDER OF BATTLE:

2 BAR LOCK	1 PROB BACK NET
1 ROCK CAKE/STONE CAKE	1 SQUAT EYE

25X1D

MAYKAIN MICROWAVE FACILITY

25X1A

51-53-00N 075-51-20E

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

8.5 NM NE OF MAYKAIN. THIS SECURED FACILITY CONTAINS ONE SELF-SUPPORTING MICROWAVE TOWER, ONE CONTROL BUILDING, AND TWO SUPPORT BUILDINGS. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF THE TYPE AND THE ORIENTATION OF MICROWAVE ELEMENTS.

25X1D

25X1

TOP SECRET

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

ALEKSANDRIYA AIRFIELD EAST
[REDACTED] NAC

25X1A
48-40-35N 033-10-30E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
8 PROB HOOK (AT LEAST)

25X1D

25X1D

BEZHETSK AIRFIELD
[REDACTED] NAC

25X1A
57-43-31N 036-38-59E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
25 SMALL SWEEP/DELTA-WING 1 LIGHT STRAIGHT-WING
(AT LEAST)

25X1D

25X1D

BRYANSK AIRFIELD
[REDACTED] NAC

25X1A
53-16-16N 034-20-07E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
10 LIGHT STRAIGHT-WING 2 SMALL STRAIGHT-WING

25X1D

25X1D

CHERNIGOVKA AIRFIELD
[REDACTED]

25X1A

44-19-14N 132-33-10E

STATUS: OPERATIONAL

0100000

67

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TOP SECRET

25X1

25X1

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TOP SECRET

25X1

KH-4 MISSION 1109 IPIR 16

SOVIET UNION
AIR BASE FACILITIES

REMARKS:
CONSTRUCTION CONTINUES ON THE 31 PROBABLE HANGARETTES REPORTED

25X1D

AIR ORDER OF BATTLE:
18 HEAVY HELICOPTERS

43 MEDIUM HELICOPTERS

25X1D

25X2

25X1D

DNEPROPETROVSK/VOLOSHKOYE AIRFIELD

48-21-27N 035-05-44E

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 COOKPOT

2 CODLING

2 COKE

1 POSS COKE

3 CRATE

1 CAB

5 COLT

34 SMALL SWEEP-WING (AT
LEAST, ONE AIRBORNE)

1 HEAVY HELICOPTER

25X1D

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

25X1D

GUSNAYA LYAGA AIRFIELD

25X1A

53-25-16N 078-25-44E

STATUS: OPERATIONAL

REMARKS:

25X1D

25X1D

25X1D

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

KACHA AIRFIELD

NAC

44-47-01N 033-34-22E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
2 PROB CRATE
3 POSS CAB

25 HELICOPTERS (AT LEAST)

25X1D

25X1D

KALININ AIRFIELD

25X1A

56-49-31N 035-45-25E

STATUS: OPERATIONAL

REMARKS:
THE REFERENCE POINT (RP) IS THE CENTER OF THE 2,530-METER
(8,300-FOOT) RUNWAY. THE 26 VEHICLE OR EQUIPMENT REVETMENTS
457 METERS (1,500 FEET) SOUTH OF THE RP APPEAR TO BE COMPLETE.

25X1

25X1

TOP SECRET

25X1

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IPIR 16

SOVIET UNION
AIR BASE FACILITIES

KH-4 MISSION 1109

25X1D

THE NORMAL COMPLEMENT OF BADGER APPEARS TO BE RETURNING TO THE
AIRFIELD. IN [REDACTED], NO BADGER WERE
OBSERVED HERE.

AIR ORDER OF BATTLE:
44 PROB BADGER

5 LIGHT STRAIGHT-WING

25X1D

25X1D

KIROVSKOYE AIRFIELD
[REDACTED] NAC

45-09-57N 035-11-13E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 PROB BADGER

2 COOT

10 SMALL DELTA-WING

5 SMALL SWEEP-WING

6 SMALL SWEEP/DELTA-WING

18 SMALL PROB

SWEEP/DELTA-WING (AT LEAST) 3 SMALL PROB AIRCRAFT

1 MEDIUM STRAIGHT-WING

8 LIGHT STRAIGHT-WING

1 SMALL STRAIGHT-WING

3 HEAVY HELICOPTERS

5 MEDIUM HELICOPTERS (AT
LEAST)

25X1D

25X1D

KLIN AIRFIELD
[REDACTED] NAC

56-21-55N 036-44-07E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

11 CAT/CUB/CAMP

3 COKE

8 CRATE

2 CAB

1 MEDIUM SWEEP-WING

46 SMALL SWEEP/DELTA-WING
(AT LEAST)

2 SMALL STRAIGHT-WING

25X1D

25X1

25X1

25X1

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TOP SECRET

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

25X1D

KRIVOY ROG AIRFIELD EAST
[REDACTED] NAC

25X1A
47-53-17N 033-32-15E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
21 CAT/CUB

1 CAB

25X1D



25X1D

KURSK AIRFIELD EAST
[REDACTED] NAC

25X1A
51-45-30N 036-17-31E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

7 LIGHT STRAIGHT-WING

42 SMALL STRAIGHT-WING

25X1D

[REDACTED]
1 MEDIUM STRAIGHT-WING
4 LIGHT STRAIGHT-WING

46 SMALL STRAIGHT-WING

25X1D



25X1D

MELITOPOL AIRFIELD
[REDACTED] NAC

25X1A
46-52-54N 035-18-10E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
13 BEAGLE
57 CAT/CUB

2 CAB
3 SMALL DELTA-WING

0120000

71

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25X1

25X1

25X1

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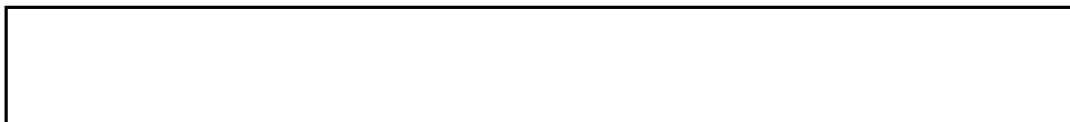
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IPIR 16

KH-4 MISSION 1109

25X1D

SOVIET UNION
AIR BASE FACILITIES

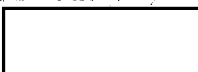


MOSCOW/OSTAFYEVO AIRFIELD

NAC

25X1A
55-30-32N 037-30-29E

25X1D



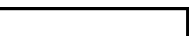
STATUS: OPERATIONAL

AIR ORDER OF BATTLE:



20 AIRCRAFT (AT LEAST)

25X1D



9 CAT/CUB/CAMP

2 COKE

10 CRATE

12 CAB

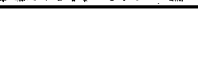


25X1D

MOSKVA HQ LONG RANGE AVIATION

25X1A
55-43-54N 037-34-19E

25X1D



STATUS: UNKNOWN

REMARKS:

TARGETS OF THIS TYPE CANNOT BE IDENTIFIED ON OVERHEAD
PHOTOGRAPHY. THIS INSTALLATION MAY BE COLLOCATED WITH MOSKVA
ARMY BARRACKS FRUNZE AL 2

25X1A



25X1D



25X1

25X1

25X1

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TOP SECRET

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

25X1D

OKTYABRSKOYE AIRFIELD

NAC

45-19-18N 034-06-07E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
23 BADGER

2 SMALL STRAIGHT-WING

25X1D

OREL AIRFIELD SOUTHWEST

NAC

52-56-05N 036-00-07E

25X1D

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
22 SMALL AIRCRAFT (AT
LEAST)

25X1D

POCHINOK AIRFIELD

25X1A

54-20-29N 032-28-24E

25X1D

STATUS: OPERATIONAL

REMARKS:
AT LEAST 50 AIRCRAFT REVETMENTS HAVE BEEN CONSTRUCTED.

AIR ORDER OF BATTLE:
3 LIGHT STRAIGHT-WING
30 SMALL AIRCRAFT (AT
LEAST)

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TOP SECRET

25X1

25X1

25X1

[Redacted]

TOP SECRET

[Redacted]

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IPIR 16

SOVIET UNION
AIR BASE FACILITIES

KH-4 MISSION 1109

25X1D

[Redacted]

25X1D

PODOLSK/DUBROVITSY AIRFIELD
[Redacted] NAC

25X1A
55-25-15N 037-29-00E

[Redacted]

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

[Redacted]

15 SMALL STRAIGHT-WING (AT
LEAST)

25X1D

[Redacted]

25 SMALL STRAIGHT-WING

3 POSS HELICOPTERS

25X1D

[Redacted]

25X1D

SEVASTOPOL/BELBEK AIRFIELD
[Redacted] NAC

25X1A
44-41-29N 033-34-33E

[Redacted]

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

9 SMALL SWEEP/DELTA-WING
(AT LEAST)

2 POSS HELICOPTERS (AT
LEAST)

3 LIGHT STRAIGHT-WING

1 SMALL STRAIGHT-WING (AT
LEAST)

25X1D

[Redacted]

SECRET

TOP SECRET

[Redacted]

25X1

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25X1

TOP SECRET

25X1

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IPIR 16

KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

25X1D

SVERDLOVSK/KOLTSOVO AIRFIELD 25X1A 56-44-42N 060-48-52E

STATUS: OPERATIONAL

REMARKS:

THE MAIN E/W RUNWAY AND ITS ASSOCIATED TAXIWAYS AND PARKING APRONS HAVE BEEN CLEARED OF SNOW. THE ENE/WSW RUNWAY AND THE NE/SW RUNWAY ARE SNOW COVERED BUT ARE PROBABLY SERVICEABLE.

AIR ORDER OF BATTLE:

2 BADGER/CAMEL

12 LIGHT STRAIGHT-WING

14 MEDIUM STRAIGHT-WING

25X1D

25X1D

YEFREMOV AIRFIELD

25X1A 53-06-51N 038-14-49E

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

4 CAT/CUB/CAMP

17 SMALL SWEPT/DELTA-WING

25X1D

25X1D

YEVPA TORIYA AIRFIELD

25X1A 45-13-32N 033-22-26E

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

7 MEDIUM STRAIGHT-WING (AT LEAST)

25X1D

ES00000

75

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25X1

25X1

25X1

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TOP SECRET

KH-4 MISSION 1109
IPIR 16

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

BAKHCHISARAY ARMY BARRACKS AL 1
[REDACTED] NAC

44-45-42N 033-51-45E
25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
30 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

DNEPROPETROVSK ARMY BARRACKS AL 2
[REDACTED] NAC

48-26-45N 035-03-04E
25X1A

STATUS:OCCUPIED

REMARKS:
OB PATTERNS ARE OBSERVED, BUT THE SMALL SCALE OF THE
PHOTOGRAPHY PRECLUDES DETERMINING THE NUMBER OR TYPE.

25X1D

25X1D

DNEPROPETROVSK ORD DEPOT SOUTH DO 1
[REDACTED] NAC

48-27-15N 034-59-51E
25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

5300000

76

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TOP SECRET

25X1

25X1

25X1

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TOP SECRET

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
GROUND FORCE FACILITIES

25X1A

KOSTROMA ARMY BARRACKS LEVASHEVO AL 1

57-40-34N 040-34-43E

25X1D

STATUS: UNKNOWN

REMARKS:

THIS INSTALLATION IS NOT AN ACTIVE LINE UNIT BARRACKS AREA. IT IS THE SUPPORT AREA OF A LARGE GROUND FORCES TRAINING AREA AND IS REPORTED UNDER KOSTROMA TRAINING AREA 1

25X1A

25X1D

25X1D

NOVOSIBIRSK STORAGE DEPOT INSKAYA

54-57-20N 083-03-40E

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

6.8 NM SE OF NOVOSIBIRSK. THIS SECURED, RAIL-SERVED FACILITY CONTAINS ONE ADMINISTRATION BUILDING, 36 STORAGE BUILDINGS, AND THREE SUPPORT BUILDINGS. ONE FOUNDATION FOR A PROBABLE STORAGE BUILDING IS ALSO OBSERVED. A SUPPORT OR BARRACKS AREA IS IMMEDIATELY NORTH OF THE STORAGE FACILITY.

GROUND FORCE ORDER OF BATTLE:
15 VEHICLES (AT LEAST)

25X1D

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TOP SECRET

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
GROUND FORCE FACILITIES

25X1A

25X1D

NOVOSIBIRSK STORAGE DEPOT NORTH

55-07-25N 082-55-15E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

5.9 NM NORTH OF NOVOSIBIRSK. THIS SECURED, RAIL-SERVED FACILITY CONTAINS 13 LARGE STORAGE BUILDINGS. A SUPPORT AREA IMMEDIATELY SOUTH OF THE FACILITY CONTAINS ONE PROBABLE ADMINISTRATION BUILDING AND EIGHT SUPPORT BUILDINGS.

25X1D

25X1D

POZDEYEVKA ARMY BARRACKS AL 1
NAC

50-35-25N 128-52-35E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
200 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

25X1D

SIMFEROPOL ARMY TNG AREA ESKI SARAY

44-54-0/N 034-13-0/E

25X1D

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

8 NM SE OF SIMFEROPOL. THE BARRACKS AREA CONSISTS OF ONE MULTISTORY BARRACKS, THREE C-SHAPED ADMINISTRATION BUILDINGS, 22 QUARTERS (FOUR MULTIFAMILY), ONE MULTISTORY APARTMENT HOUSE, ONE MESSHALL, ONE 1,280-STUDENT SCHOOL BUILDING, ONE DRIVE-THROUGH VEHICLE MAINTENANCE BUILDING, TEN VEHICLE STORAGE BUILDINGS, SEVEN PROBABLE AMMUNITION STORAGE BUILDINGS, 38 OTHER ASSOCIATED BUILDINGS, AND A BIVOUAC AREA. THE ADJACENT TRAINING AREA IS FOR INFANTRY FIELD TRAINING. THE PRIMARY TRAINING AREA IS SEPARATED FROM THE REST OF THE INSTALLATION BY A RIVER VALLEY AND IS SERVED BY AN ALL-WEATHER ACCESS ROAD.

78

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TOP SECRET

25X1

25X1

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TOP SECRET

25X1

- IPIR 16
KH-4 MISSION 1109

SOVIET UNION
GROUND FORCE FACILITIES

THIS AREA CONTAINS A TANK OR ASSAULT-GUN FIRING RANGE, AN
AUTOMATIC-WEAPONS FIRING RANGE, NUMEROUS STRONG POINTS, AND
WHEELED- AND TRACKED-VEHICLE DRIVER-TRAINING COURSES.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

SUMBE BORDER SECURITY POST

25X1A

42-55-45N 080-29-55E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

.5 NM SW OF THE USSR-CHINA BORDER. THIS SECURED FACILITY
CONTAINS ONE BARRACKS, ONE SUPPORT BUILDING, THREE SUPPORT OR
STORAGE BUILDINGS, AND ONE UTILITY SHED.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

ULAN-UDE BKS + TNG AREA ONOKHOY SW

51-49-//N 107-57-//E

25X1A

STATUS:OCCUPIED

REMARKS:

HEAVY TRACKING IS EVIDENT THROUGHOUT THE AREA, AND ALL FIRING
RANGES APPEAR TO BE ACTIVE.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

750000

79

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TOP SECRET

25X1

25X1

25X1

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TOP SECRET

IPIR 16

KH-4 MISSION 1109

25X1D

SOVIET UNION
GROUND FORCE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

AGA MILITARY DEPOT WEST DX 1

51-11-24N 115-05-10E

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

CHEBARKUL ARMY BARRACKS NE AL 1

54-59-40N 060-23-00E

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1

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TOP SECRET

25X1

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TOP SECRET

25X1

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

BALAKLAVA MISSILE TEST CENTER
[REDACTED] NAC

25X1A
44-30-22N 033-31-45E

STATUS:OCCUPIED

RFMARKS:
AN UNIDENTIFIED PIECE OF EQUIPMENT IS ON ONE OF THE CRUISE
MISSILE LAUNCH PADS.

25X1D

[REDACTED]

25X1D

NOVOSIBIRSK TACTICAL SSM STORAGE DEPOT
[REDACTED] NAC

25X1A
55-13-40N 082-59-40E

STATUS:OCCUPIED

MISSILE ORDER OF BATTLE:
200 PROB MISSILE CRATES (AT LEAST) 50 VEHICLES AND PIECES OF
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

BALAKLEYA TACTICAL SSM SUPPORT FAC
[REDACTED] NAC

25X1A
49-28-20N 036-52-15E

STATUS:OPERATIONAL

MISSILE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1

25X1

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TOP SECRET

25X1

IPIR 16

KH-4 MISSION 1109

SOVIET UNION
DEPLOYED TACTICAL SSM FACILITIES

25X1D

LOZOVAYA TACTICAL SSM SUPPORT FACILITY

48-54-35N 036-21-45E

NAC

STATUS: OPERATIONAL

MISSILE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

MYS NIZMENNY CSTL DEF SITE CM TSR

43-31-00N 135-09-10E

STATUS: UNKNOWN

25X1A

REMARKS:

NO COASTAL DEFENSE CRUISE-MISSILE SITE CAN BE IDENTIFIED IN THE
VICINITY OF THE REFERENCED COORDINATES.

25X1D

25X1

25X1

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TOP SECRET

25X1

IPIR 16
KH-4 MISSION 1109

SOVIET UNION
LOGISTICS

SIGNIFICANT RESULTS

BLAGOVESHCHENSK PETROLEUM STORAGE

50-15-00N 127-34-28E

25X1D

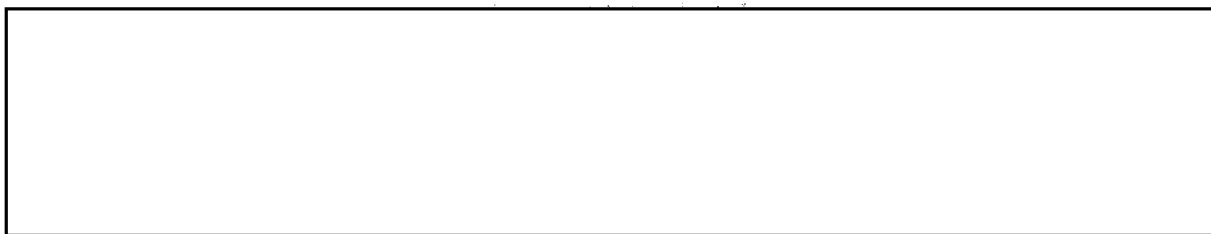


25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

THE SECURED AREA CONTAINS THREE LARGE VERTICAL POL TANKS. A SEPARATELY SECURED, RAIL-SERVED AREA CONTAINS 16 SMALL OR MEDIUM VERTICAL POL TANKS.

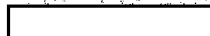


25X1D

NAKHODKA PET PROD STOR CHADAUDZMA BAY

42-46-16N 132-53-09E

25X1D



25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

3.5 NM SOUTH OF NAKHODKA ON CHADAUDZMA BAY. THIS ROAD-SERVED INSTALLATION CONTAINS 48 LARGE VERTICAL CYLINDRICAL TANKS WITH FIREWALLS, 30 SMALLER VERTICAL CYLINDRICAL TANKS WITH FIREWALLS, NUMEROUS REVETTED OPEN STORAGE SITES, TWO STORAGE OR SUPPORT BUILDINGS, ONE STORAGE BUILDING, FOUR UTILITY SHEDS, AND A PETROLEUM PIER. THE INSTALLATION IS TANKER SUPPLIED.



25X1D

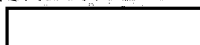
OTHER RESULTS-NO APPARENT CHANGE

KOMSOMOLSK PET PRD STR SW UG

25X1A

50-27-40N 136-53-05E

25X1D



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83

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TOP SECRET

25X1

25X1

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TOP SECRET

25X1

IPIR 16

SOVIET UNION
LOGISTICS

KH-4 MISSION 1109

STATUS:OPERATIONAL

REMARKS:
HEAVY CLOUD COVER PRECLUDES A READOUT OF THE INSTALLATION.

25X1D

25X1D

LENINGRAD RR STN YDS A SHOPS FINLANDIY 59-58-01N 030-21-33E

STATUS:UNKNOWN

25X1A

REMARKS:
HAZE AND SHADOW PRECLUDE A DETERMINATION OF THE LEVEL OF
ACTIVITY.

25X1D

25X1D

ULAN-UDE RR STATION CLF YARDS A SHOPS
NAC

51-50-42N 107-34-30E

STATUS:OPERATIONAL

REMARKS:
NO SSM, SSM-RELATED EQUIPMENT, OR LARGE CRATES ARE OBSERVED.

25X1D

25X1D

ZABAYKALSK RR TRANSLOADING YARD
NAC

49-38-50N 117-19-35E

STATUS:OPERATIONAL

REMARKS:
NO ROLLING STOCK IS DISCERNIBLE IN THE YARD. NO SSM,
SSM-RELATED EQUIPMENT, OR LARGE CRATES ARE DISCERNIBLE.

25X1D

25X1

25X1

[REDACTED]

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TOP SECRET

[REDACTED]

25X1

IPIR 16

SOVIET UNION
INDUSTRY

KH-4 MISSION 1109

SIGNIFICANT RESULTS

RYBINSK MACH A AMMO PLANT YESHOV

58-02-11N 038-52-31E

25X1D

[REDACTED]

[REDACTED]

25X1A

[REDACTED]

25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:
IN THE CENTER OF RYBINSK. THIS INDUSTRIAL PLANT CONSISTS OF
TWO FABRICATION BUILDINGS, ONE LARGE ASSEMBLY BUILDING, AND
APPROXIMATELY 25 SMALL SHOPS AND WAREHOUSES.

25X1D

[REDACTED]

SOLNECHNOGORSK AUTOMOTIVE TEST TRACKS
NAC

56-20-30N 037-17-00E

25X1D

[REDACTED]

[REDACTED]

25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
30 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

YAROSLAVL PETROLEUM REFINERY

25X1A 57-32-58N 039-47-47E

25X1D

[REDACTED]

[REDACTED]

5 5 3 7 5 1 0 0

[REDACTED]

25X1

25X1

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25X1

KH-4 MISSION 1109
- IPIR 16

SOVIET UNION
INDUSTRY

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:
6 NM SW OF YAROSLAVL. THE RAIL-SERVED REFINERY COVERS APPROXIMATELY 850 ACRES AND CONSISTS OF AT LEAST THREE PRIMARY DISTILLATION UNITS, A PROBABLE CATALYST CRACKING UNIT, A PROBABLE COMBINATION PRIMARY/SECONDARY PROCESSING UNIT, AND AT LEAST EIGHT OTHER PROCESSING AREAS. THE MAIN REFINERY STORAGE AREA CONTAINS APPROXIMATELY 115 CYLINDRICAL AND NUMEROUS HORIZONTAL STORAGE TANKS. A 220-ACRE SEPARATE STORAGE AREA CONTAINS 39 VERTICAL CYLINDRICAL STORAGE TANKS AND 28 COVERED RESERVOIRS. NO NEW CONSTRUCTION IS APPARENT.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

ALTYNAY PROB ORE REDUCTION PLT
NAC

57-08-00N 061-45-00E

STATUS: UNDER CONSTRUCTION

25X1D

SECRET

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TOP SECRET

25X1

25X1

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TOP SECRET
IPIR 16
KH-4 MISSION 1109

25X1

SOVIET UNION
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

DOMBAROVSKY ORE PROCESSING FACILITY
[redacted]

51-00-40N 059-54-40E

25X1A

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:
THE FACILITY IS STILL UNDER CONSTRUCTION AND IS IDENTIFIED AS AN ORE PROCESSING FACILITY. IT CONSISTS OF ORE PROCESSING FACILITIES IN THE EARLY STAGES OF CONSTRUCTION, A WATER PUMPING AND STORAGE FACILITY, AN ELECTRICAL SUBSTATION, A SEWAGE TREATMENT PLANT, AN ORE STORAGE AREA, SHIPPING FACILITIES, A VEHICLE STORAGE AND MAINTENANCE AREA, A SMALL HOUSING AREA, AND SEVERAL OTHER BUILDINGS OF UNIDENTIFIED FUNCTION.

[redacted]

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

ALAPAYEVSK COMPLEX
[redacted] NAC

57-50-25N 061-41-42E

STATUS: OPERATIONAL

[redacted]

25X1D

25X1B

[redacted]

SECRET

25X1

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